

PATENT  
Customer Number 22,852  
Attorney Docket No. 4853.0068

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Katsuhiko MIKOSHIBA et al. )  
Serial No.: 09/832,189 ) Group Art Unit: 1646  
Filed: April 11, 2001 ) Examiner: Not yet assigned  
For: TRUNCATED REELIN PROTEIN )  
AND DNA ENCODING THE SAME )

4/a  
SQ  
4/8/03

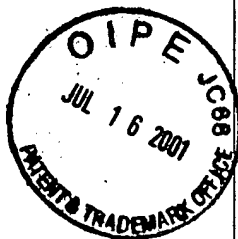
Assistant Commissioner for Patents  
Washington, DC 20231

**SUBMISSION OF SUBSTITUTE SEQUENCE LISTING**

SIR:

In a Notice to File Missing Parts of Nonprovisional Application ("the Notice") mailed May 16, 2001, the Office advised Applicants that the computer readable form of the Sequence Listing does not comply with the requirements of 37 C.F.R. §§ 1.822 and/or 1.823. In reply, Applicants enclose a substitute computer readable form of the Sequence Listing and a substitute paper copy of the Sequence Listing. In response to the marked up "Raw Sequence Listing" attached to the Notice, the substitute Sequence Listing now includes a corresponding explanation in the <220> to <223> fields for the use of "n" in SEQ ID No. 1 and a deletion of an invalid amino acid number in the coding region of SEQ ID No. 3.

In connection with the Substitute Sequence Listing submitted concurrently herewith, the undersigned hereby states that:



1. the submission does not include new matter; and
2. the content of the written Substitute Sequence Listing and of the computer readable copy of the Substitute Sequence Listing are the same.

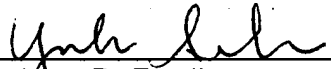
Should any fees be required to comply with this requirement, please charge our deposit account 06-0916.

The signature of the undersigned is provided by Yuko Soneoka, who is given limited recognition under 37 CFR § 10.9(b) to prosecute patent applications. A copy of the document granting her limited recognition is enclosed.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: July 16, 2001

By:   
Jean B. Fordis  
Reg. No. 32,984  
Signed by Yuko Soneoka  
(Limited recognition)

LAW OFFICES

FINNEGAN, HENDERSON,  
FARABOW, GARRETT,  
& DUNNER, L.L.P.  
1300 I STREET, N. W.  
WASHINGTON, DC 20005  
202-408-4000